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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS	6	JUL 16	CAplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	BEILSTEIN updated with new compounds
NEWS	12	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	13	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS	14	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS	15	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	16	AUG 27	USPATOLD now available on STN
NEWS	17	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	18	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	19	SEP 13	FORIS renamed to SOFIS
NEWS	20	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	21	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS	22	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS	23	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	24	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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http://www.cas.org/support/stngen/stndoc/properties.html

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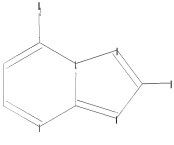

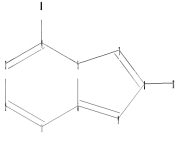

chain nodes :
10 11
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
4-10 8-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-10 5-6 5-7 6-9 7-8 8-9
exact bonds :

8-11

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS

L1 STRUCTURE UPLOADED

=> d l1
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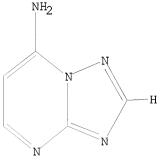
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 617 TO ITERATE

100.0% PROCESSED 617 ITERATIONS 30 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 10850 TO 13830
PROJECTED ANSWERS: 272 TO 928

L2 30 SEA SSS SAM L1

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FULL ESTIMATED COST 0.45 0.66

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FILE COVERS 1907 - 18 Oct 2007 VOL 147 ISS 17
FILE LAST UPDATED: 17 Oct 2007 (20071017/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

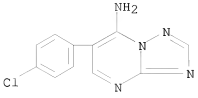
=> s l2
L3 22 L2

=> s l2 not PD>20030310
22 L2
5060263 PD>20030310
(PD>20030310)
L4 15 L2 NOT PD>20030310

=> d l4 1-5 ibib abs hitstr

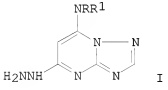
L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:657149 CAPLUS
DOCUMENT NUMBER: 135:314860
TITLE: Identification of novel potent inhibitors for ATP-phosphoribosyl transferase using three-dimensional structural database search technique
AUTHOR(S): Gohda, Keigo; Ohta, Daisaku; Kozaki, Akiko; Fujimori, Ko; Mori, Ichiro; Kikuchi, Takeshi
CORPORATE SOURCE: International Research Laboratories, CIBA-GEIGY Japan Ltd., Takarazuka, 665, Japan
SOURCE: Quantitative Structure-Activity Relationships (2001), 20(2), 143-147
CODEN: QSARDI; ISSN: 0931-8771
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
AB We identified new potent inhibitors for ATP-phosphoribosyl transferase, which is the first enzyme in histidine biosynthesis pathway, using three-dimensional database search (3D-search) technique. The 3D-search was based on the structure of product mol., N-1-(5'-phosphoribosyl)-ATP, as a template to find mols. targeting to the binding sites of two substrates (ATP and 5'-phosphoribosyl-1-pyrophosphate), i.e., bi-substrate mimicking. Four com.-available compds. with three different chemical classes were examined out of 36 low-mol. weight compds. selected from the hits of the searches. Amino(chlorophenyl)triazolopyrimidine compds., which are the simplest and smallest ones, showed potent activity (e.g., 92% inhibition at 100 μM). The structural comparison with the product mol. suggests that the simultaneous occupation of two substrate-binding sites likely enhances the enzyme inhibition. The most potent compound examined in this study was a disulfide-bond containing mol. (IC50 = 50 nM), whose mode of action seems to be different from the others.
IT 85841-26-5
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(identification of ATP-phosphoribosyl transferase inhibitors, using three-dimensional structural database search technique)
RN 85841-26-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-chlorophenyl)- (9CI) (CA

INDEX NAME)



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:449599 CAPLUS
DOCUMENT NUMBER: 115:49599
TITLE: 1,2,4-Triazolo[1,5-a]pyrimidines. Part 6. Synthesis with 5-hydrazino-1,2,4-triazolo[1,5-a]pyrimidines
AUTHOR(S): Lippmann, E.; Strauch, P.; Tenor, E.
CORPORATE SOURCE: Sekt. Chem., Univ. Leipzig, Leipzig, O-7010, Germany
SOURCE: Pharmazie (1991), 46(3), 184-7
CODEN: PHARAT; ISSN: 0031-7144
DOCUMENT TYPE: Journal
LANGUAGE: German
GI

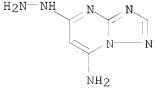


AB Hydrazines I (NRR1 = morpholino, piperidino, pyrrolidino, OH; R = R1 = H, Me, Et, Bu, CH2CHMe2, CH2CH2OH) were prepared from 5,7-dichloro-1,2,4-triazolo[1,5-α]pyrimidine. I were converted to hydrazones and to triazole and pyrazole derivs.

IT 134790-90-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with carbon disulfide)

RN 134790-90-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-5(1H)-one, 7-amino-, hydrazone (9CI) (CA INDEX NAME)

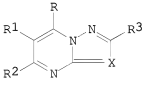


L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:437497 CAPLUS
DOCUMENT NUMBER: 103:37497
TITLE: 7-Aminoazolo[1,5-a]pyrimidines and fungicides containing them
INVENTOR(S): Eicken, Karl; Graf, Hermann; Gramlich, Walter; Sauter, Hubert; Rentzea, Costin; Pommer, Ernst Heinrich; Ammermann, Eberhard
PATENT ASSIGNEE(S): BASF A.-G. , Fed. Rep. Ger.
SOURCE: Ger. Offen., 16 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3338292	A1	19850502	DE 1983-3338292	19831021
EP 141317	A2	19850515	EP 1984-112283	19841012
EP 141317	A3	19860212		
EP 141317	B1	19880120		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
AT 32077	T	19880215	AT 1984-112283	19841012
IL 73258	A	19871130	IL 1984-73258	19841016
CA 1242715	A1	19881004	CA 1984-465567	19841016
JP 60104089	A	19850608	JP 1984-216490	19841017
CS 248724	B2	19870212	CS 1984-7924	19841018
AU 8434526	A	19850426	AU 1984-34526	19841019
AU 566960	B2	19871105		
ZA 8408175	A	19850626	ZA 1984-8175	19841019
DD 232635	A5	19860205	DD 1984-268556	19841019
PL 137289	B2	19860531	PL 1984-250093	19841019
US 4617303	A	19861014	US 1984-662592	19841019
HU 36328	A2	19850930	HU 1984-3942	19841022
HU 191964	B	19870428		
US 32676	E	19880524	US 1987-59254	19870603

PRIORITY APPLN. INFO.:
DE 1983-3338292 A 19831021
EP 1984-112283 A 19841012
US 1984-662592 A5 19841019

OTHER SOURCE(S): CASREACT 103:37497; MARPAT 103:37497
GI



I

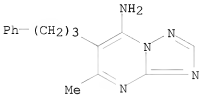
AB Title compds. I [R = NH2; R1 = alkyl, alkoxyalkyl, haloalkyl, (un)substituted arylalkyl; R2, R3 = H, alkyl; X = N, CR4; R4 = H, alkyl, halogen] were prepared Thus, 200 g Me 2-n-octylacetoacetate was cyclocondensed with 94 g 3(5)-amino-5(3)-methylpyrazole in 400 mL BuOH to give 191 g I (R = OH, R1 = octyl, R2 = R3 = Me, X = CH), which (190 g) was refluxed 1.5 h in 550 mL POCl3 to give 179 g I (R = Cl). The latter compound (179 g) in 1300 mL EtOH was placed in a 2.5 L autoclave, pressurized with 85 g NH3, and stirred 8 h at 150° at 30 bar to give 133 g I (R = NH2), which at 0.025% gave 97% control of Plasmopara

viticola on grapes.

IT 97228-57-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and fungicidal activity of)

RN 97228-57-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(3-phenylpropyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1983:215609 CAPLUS

DOCUMENT NUMBER: 98:215609

TITLE: 7-Aminoazolo[1,5-a]pyrimidines and fungicides containing them

INVENTOR(S): Eicken, Karl; Scheib, Klaus; Theobald, Hans; Pommer, Ernst Heinrich; Ammermann, Eberhard

PATENT ASSIGNEE(S): BASF A.-G. , Fed. Rep. Ger.

SOURCE: Ger. Offen., 20 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

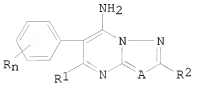
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3130633	A1	19830217	DE 1981-3130633	19810801
EP 71792	A2	19830216	EP 1982-106335	19820715
EP 71792	A3	19830406		
EP 71792	B1	19850130		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 11539	T	19850215	AT 1982-106335	19820715
IL 66358	A	19850830	IL 1982-66358	19820720
CA 1180329	A1	19850101	CA 1982-407815	19820722
DD 202093	A5	19830831	DD 1982-242024	19820728
CS 226748	B2	19840416	CS 1982-5723	19820729
DK 8203416	A	19830202	DK 1982-3416	19820730
DK 160020	B	19910114		
DK 160020	C	19910603		
AU 8286659	A	19830210	AU 1982-86659	19820730
AU 553663	B2	19860724		
JP 58043974	A	19830314	JP 1982-132278	19820730
JP 02061955	B	19901221		
ZA 8205498	A	19830727	ZA 1982-5498	19820730
HU 30908	A2	19840428	HU 1982-2474	19820730
HU 188325	B	19860428		
US 4567263	A	19860128	US 1984-651660	19840918

PRIORITY APPLN. INFO.:

DE 1981-3130633	A	19810801
EP 1982-106335	A	19820715
US 1982-401346	A1	19820723

OTHER SOURCE(S): MARPAT 98:215609
GI



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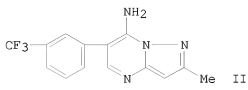
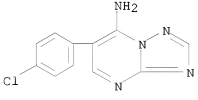


II

AB I (R = alkyl, aryl, alkoxy, halo, cycloalkyl, cyano, etc.; n = 1 or 2; R1, R2 = H, alkyl, aryl; A = N or CR3, where R3 = alkyl, aryl, halo, etc.) were prepared and shown to be superior as fungicides to, e.g., N-[(trichloromethyl)thio]phthalimide. Thus, 3-CF3C6H4CH(CN)CHO was refluxed with 5-methyl-3-pyrazolamine in AcOH 4 h to give II.
IT 85841-26-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as fungicide)
RN 85841-26-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1982:406244 CAPLUS
DOCUMENT NUMBER: 97:6244
TITLE: Heterocyclic β-enamino esters. 28. The reaction of heterocyclic β-enamino esters and nitriles with cyclic amidines. A simple route to azolopyrimidines (1)
AUTHOR(S): Elnagdi, Mohamed H.; Wamhoff, Heinrich
CORPORATE SOURCE: Inst. Org. Chem. Biochem., Univ. Bonn, Bonn, D-5300/1, Fed. Rep. Ger.
SOURCE: Journal of Heterocyclic Chemistry (1981), 18(7), 1287-92
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

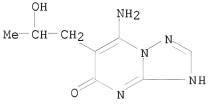
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Whereas 2-amino-3-(ethoxycarbonyl)-4,5-dihydrofurans condense with 5-membered amidine derivs., via elimination of ethanol to afford the azolopyrimidines I (R = H, Me), II, and III (R = H, Me), the 2-amino-3-cyano-4,5-dihydrofurans give with the same reagents, under elimination of NH3, the novel ring systems of furoazolopyrimidines IV and V (R = H, Me). 2-Amino-3-ethoxycarbonyl-5,6-dihydro-4H-thiopyran reacts with 5-amino-1,2,4-triazole to yield the triazolo[1,5-a]pyrimidine VI, and with 2-aminobenzimidazole to give VII. III (R = Me) and VIII are cyclized in a secondary step to give the novel furo[2,3-d]benzimidazo[1,2-a]pyrimidine IX and furo[2,3-d]-1,2,4-triazolo[1,5-a]pyrimidine X, resp., besides the acetoxy derivs. XI and XII.

IT 78017-09-1P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and spectra of)

RN 78017-09-1 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-5(1H)-one, 7-amino-6-(2-hydroxypropyl)- (9CI) (CA INDEX NAME)



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                  patents
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 NEWS 22  DEC 17  USPATOLD added to additional database clusters
 NEWS 23  DEC 17  IMSDRUGCONF removed from database clusters and STN
 NEWS 24  DEC 17  DGENE now includes more than 10 million sequences
 NEWS 25  DEC 17  TOXCENTER enhanced with 2008 MeSH vocabulary in
                  MEDLINE segment
 NEWS 26  DEC 17  MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
 NEWS 27  DEC 17  CA/CAplus enhanced with new custom IPC display formats
 NEWS 28  DEC 17  STN Viewer enhanced with full-text patent content
                  from USPATOLD
 NEWS 29  JAN 02  STN pricing information for 2008 now available
 NEWS 30  JAN 16  CAS patent coverage enhanced to include exemplified
                  prophetic substances

 NEWS EXPRESS  19 SEPTEMBER 2007:  CURRENT WINDOWS VERSION IS V8.2,
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               AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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FULL ESTIMATED COST                                     0.21       0.21

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   21 JAN 2008  HIGHEST RN 1000370-19-3
DICTIONARY FILE UPDATES:  21 JAN 2008  HIGHEST RN 1000370-19-3
```

New CAS Information Use Policies, enter HELP USAGETERMS for details.

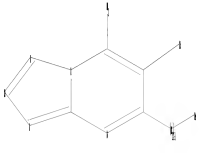
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

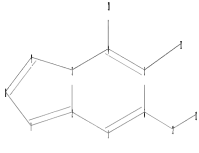
  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10 series\10589876\10589876b.str



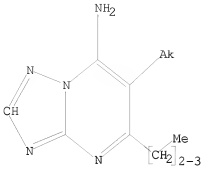


chain nodes :
10 11 12 13
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
4-10 5-11 6-12 12-13
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9
exact/norm bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-10 5-6 5-11 7-8 8-9
exact bonds :
6-12 12-13

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 11:05:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       38 TO ITERATE

100.0% PROCESSED       38 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          391 TO     1129
PROJECTED ANSWERS:               1 TO       80

L2            1 SEA SSS SAM L1

=> d scan

L2   1 ANSWERS   REGISTRY  COPYRIGHT 2008 ACS on STN
IN   [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-methylheptyl)-5-propyl-
MF   C16 H27 N5
```

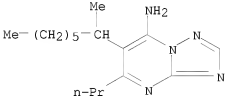

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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FULL SEARCH INITIATED 11:05:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      758 TO ITERATE

100.0% PROCESSED      758 ITERATIONS                               35 ANSWERS
SEARCH TIME: 00.00.01
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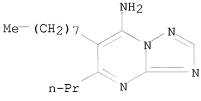
L3 35 SEA SSS FUL L1

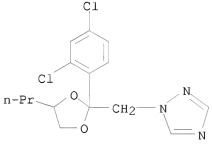
=> d scan

L3 35 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl-, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole
MF C16 H27 N5 . C15 H17 Cl2 N3 O2
CI MXS

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'CAPLUS' ENTERED AT 11:05:46 ON 22 JAN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 22 Jan 2008 VOL 148 ISS 4
FILE LAST UPDATED: 21 Jan 2008 (20080121/ED)

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http://www.cas.org/infopolicy.html

=> s l3
L4 5 L3

=> d l4 1-5 ibib abs hitstr

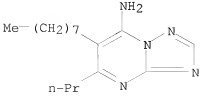
L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:466736 CAPLUS
DOCUMENT NUMBER: 147:441768
TITLE: Ternary fungicidal mixtures based on azolopyrimidinylamines
AUTHOR(S): Anon.
CORPORATE SOURCE: USA
SOURCE: IP.com Journal (2007), 7(3B), 10 (No. IPCOM000147377D), 12 Mar 2007
CODEN: IJPOBX; ISSN: 1533-0001
PUBLISHER: IP.com, Inc.
DOCUMENT TYPE: Journal; Patent
LANGUAGE: German
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IP 147377D		20070312		
PRIORITY APPLN. INFO.:			IP 2007-147377D	20070312

AB Ternary fungicidal formulations are presented containing 1) 5-alkyl-6-phenyl-[1,2,4]triazolo[1,5-a]pyrimidin-7-ylamine or 5,6-dialkyl-[1,2,4]triazolo[1,5-a]pyrimidin-7-ylamine as active components and 2) 2 active substances selected from: ethaboxam, strobilurines carbonic acid amides, dithiocarbamates, phosphorous acid (salts) and copper-containing fungicides. The formulations are effective against a large spectrum of phytopathogenic fungi and can be applied in crops modified by genetic engineering. They can be applied as foliar or soil fungicides or for seed coating in many crops.

IT 865235-74-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(active component, mixed with active substance/s; ternary fungicidal mixts. based on azolopyrimidinylamines)

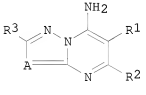
RN 865235-74-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl- (CA INDEX NAME)



L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:117616 CAPLUS
DOCUMENT NUMBER: 146:200212
TITLE: Synergistic fungicidal mixtures based on azolopyrimidinylamines
INVENTOR(S): Beck, Christine; Niedenbrueck, Matthias; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Huenger, Udo
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 62pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007012598	A1	20070201	WO 2006-EP64463	20060720
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: DE 2005-102005035688A 20050727
OTHER SOURCE(S): MARPAT 146:200212
GI



AB Fungicidal mixts. comprise azolopyrimidinylamines (I, R1 = (un)substituted (alkoxy)alkyl, alkenyl, cycloalkyl, Ph, Ph-alkyl; R2 = (un)substituted (halo)alkyl, alkenyl, alkoxyalkyl; R3 = H, halo, CN, OH, SH, (halo)alkyl, etc.; and A = CR3 or N) and ≥1 active component selected from azoles, strobilurins, carboxamides, heterocylic compds., carbamates, guanidines, antibiotics, sulfur-containing heterocyclyl compds., organophosphorus compds., organochlorine compds., inorg. active compds., growth retardants and cyflufenamid, cymoxanil, dimethirimol, ethirimol, furalaxyl, metrafenone and spiroxamine, in synergistically effective amts. Methods of controlling fungal pathogens using said mixts., production of such mixts., and compns. comprising these mixts. are claimed also. Thus, I (R1 = tert-BuPh, R2 = Me, R3 = H) + cyazofamid at 16 + 4 ppm synergistically controlled Phytophthora infestans on tomato.

IT 922175-12-0 922175-13-1 922175-14-2
922175-15-3 922176-35-0 922176-36-1
922176-37-2 922176-38-3 922176-39-4
922176-40-7 922176-41-8 922176-42-9

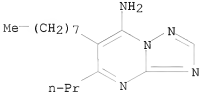
922176-43-0 922176-45-2 922176-49-6
922176-51-0 922176-54-3 922176-86-1
922176-87-2 922176-88-3 922176-89-4
922176-90-7 922177-23-9
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergistic fungicide for controlling plant pathogens)

RN 922175-12-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl-, mixt. with metiram (CA INDEX NAME)

CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

CRN 9006-42-2
CMF Unspecified
CCI PMS, MAN

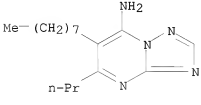
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 922175-13-1 CAPLUS

CN 1H-Imidazole-1-sulfonamide, 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

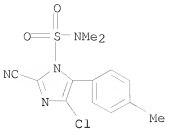
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

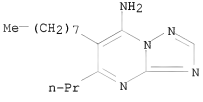
CRN 120116-88-3
CMF C13 H13 Cl N4 O2 S



RN 922175-14-2 CAPLUS
CN Alanine, N-(2,6-dimethylphenyl)-N-(2-methoxyacetyl)-, methyl ester, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

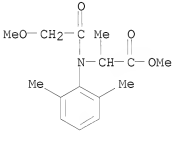
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

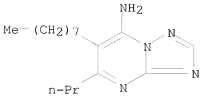
CRN 57837-19-1
CMF C15 H21 N O4



RN 922175-15-3 CAPLUS
CN 2-Propen-1-one, 3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-(4-morpholinyl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

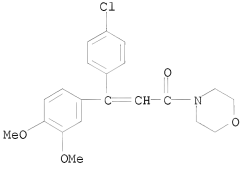
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

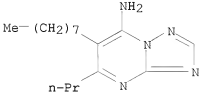
CRN 110488-70-5
CMF C21 H22 Cl N O4



RN 922176-35-0 CAPLUS
CN Carbamic acid, N-[(1S)-1-[[[(1R)-1-(6-fluoro-2-benzothiazolyl)ethyl]amino]carbonyl]-2-methylpropyl]-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

CM 1

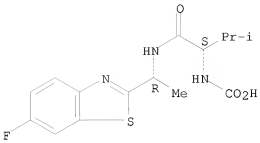
CRN 865235-74-1
CMF C16 H27 N5



CM 2

CRN 413615-35-7
CMF C15 H18 F N3 O3 S

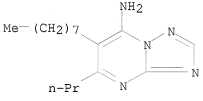
Absolute stereochemistry.



RN 922176-36-1 CAPLUS
CN 4H-Imidazol-4-one, 3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-, (5S)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

CM 1

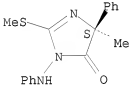
CRN 865235-74-1
CMF C16 H27 N5



CM 2

CRN 161326-34-7
CMF C17 H17 N3 O S

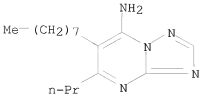
Absolute stereochemistry. Rotation (+).



RN 922176-37-2 CAPLUS
CN Benzeneacetamide, 2-[[[[3-(4-chlorophenyl)-1-methyl-2-propen-1-ylidene]amino]oxy]methyl]-α-(methoxyimino)-N-methyl-, (5S)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

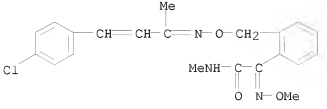
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

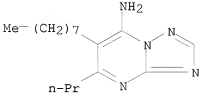
CRN 238410-31-6
CMF C21 H22 Cl N3 O3



RN 922176-38-3 CAPLUS
CN Alanine, N-(2,6-dimethylphenyl)-N-(2-phenylacetyl)-, methyl ester, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

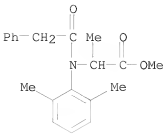
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

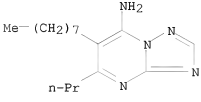
CRN 71626-11-4
CMF C20 H23 N O3



RN 922176-39-4 CAPLUS
CN Acetamide, N-(2,6-dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

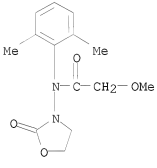
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

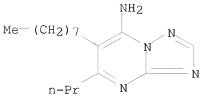
CRN 77732-09-3
CMF C14 H18 N2 O4



RN 922176-40-7 CAPLUS
CN Acetamide, 2-chloro-N-(2,6-dimethylphenyl)-N-(tetrahydro-2-oxo-3-furanyl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

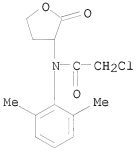
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

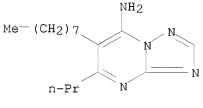
CRN 58810-48-3
CMF C14 H16 Cl N O3



RN 922176-41-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl-, mixt. with 1-[[2-[2-chloro-4-(4-chlorophenoxy)phenyl]-4-methyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (CA INDEX NAME)

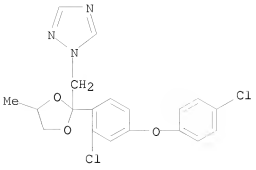
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

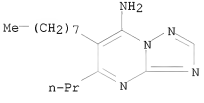
CRN 119446-68-3
CMF C19 H17 Cl2 N3 O3



RN 922176-42-9 CAPLUS
CN 1H-1,2,4-Triazole-1-ethanol, α-[2-(4-chlorophenyl)ethyl]-α-(1,1-dimethylethyl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

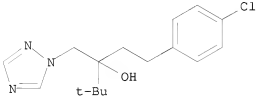
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

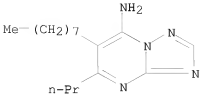
CRN 107534-96-3
CMF C16 H22 Cl N3 O



RN 922176-43-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl-, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (CA INDEX NAME)

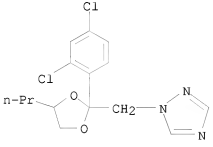
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

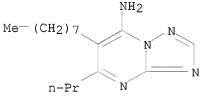
CRN 60207-90-1
CMF C15 H17 Cl2 N3 O2



RN 922176-45-2 CAPLUS
CN Carbamic acid, N-[[2-chloro-5-[1-[[(3-methylphenyl)methoxy]imino]ethyl]phenyl]methyl]-, methyl ester, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

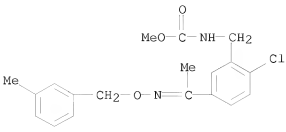
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

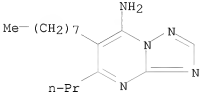
CRN 325155-62-2
CMF C19 H21 Cl N2 O3



RN 922176-49-6 CAPLUS
CN Benzeneacetic acid, α-(methoxyimino)-2-[[[(E)-[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (αE)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

CM 1

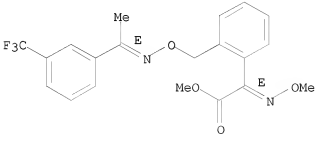
CRN 865235-74-1
CMF C16 H27 N5



CM 2

CRN 141517-21-7
CMF C20 H19 F3 N2 O4

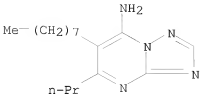
Double bond geometry as shown.



RN 922176-51-0 CAPLUS
CN Benzeneacetamide, 4-chloro-N-[2-[3-methoxy-4-(2-propyn-1-yloxy)phenyl]ethyl]-α-(2-propyn-1-yloxy)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

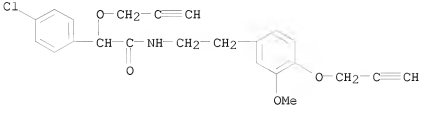
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

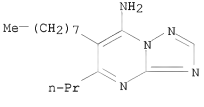
CRN 374726-62-2
CMF C23 H22 Cl N O4



RN 922176-54-3 CAPLUS
CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-α-(methoxymethylene)-, methyl ester, (αE)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

CM 1

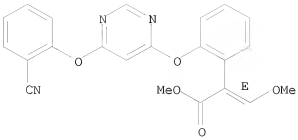
CRN 865235-74-1
CMF C16 H27 N5



CM 2

CRN 131860-33-8
CMF C22 H17 N3 O5

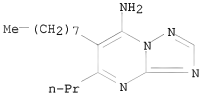
Double bond geometry as shown.



RN 922176-86-1 CAPLUS
CN 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

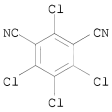
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

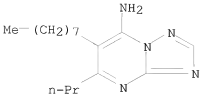
CRN 1897-45-6
CMF C8 Cl4 N2



RN 922176-87-2 CAPLUS
CN 1H-Isoindole-1,3(2H)-dione, 2-[(trichloromethyl)thio]-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

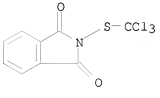
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

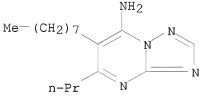
CRN 133-07-3
CMF C9 H4 Cl3 N O2 S



RN 922176-88-3 CAPLUS
CN 4(3H)-Quinazolinone, 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

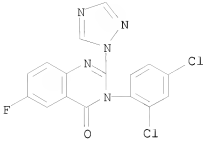
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

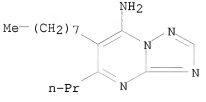
CRN 136426-54-5
CMF C16 H8 Cl2 F N5 O



RN 922176-89-4 CAPLUS
CN 2,4-Oxazolidinedione, 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

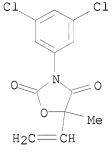
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

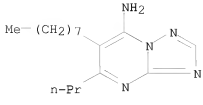
CRN 50471-44-8
CMF C12 H9 Cl2 N O3



RN 922176-90-7 CAPLUS
CN Carbamic acid, N-1H-benzimidazol-2-yl-, methyl ester, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

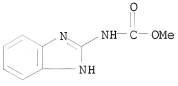
CM 1

CRN 865235-74-1
CMF C16 H27 N5



CM 2

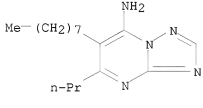
CRN 10605-21-7
CMF C9 H9 N3 O2



RN 922177-23-9 CAPLUS
CN 3H-1,2,4-Triazole-3-thione, 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-, mixt. with 6-octyl-5-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (CA INDEX NAME)

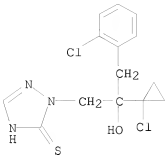
CM 1

CRN 865235-74-1
CMF C16 H27 N5

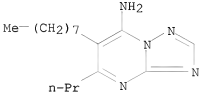


CM 2

CRN 178928-70-6
CMF C14 H15 Cl2 N3 O S



IT 865235-74-1D, mixts. containing
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergistic fungicides for controlling plant pathogens)
RN 865235-74-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-propyl- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1157868 CAPLUS
DOCUMENT NUMBER: 145:450386
TITLE: Preparation of 5-alkyl-6-phenylalkyl-7-amino-azolopyrimidine derivatives as agrochemical fungicides
INVENTOR(S): Dietz, Jochen; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Lohmann, Jan Klaas; Mueller, Bernd; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 37pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006114405	A2	20061102	WO 2006-EP61786	20060424
WO 2006114405	A3	20070215		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,

VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

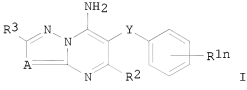
EP 1876899 A2 20080116 EP 2006-754813 20060424

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.: DE 2005-102005019399A 20050425

WO 2006-EP61786 W 20060424

GI



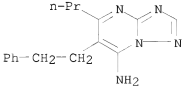
I

AB The 5-alkyl-6-phenylalkyl-7-amino-azolopyrimidines I [Y = alkylene, alkenylene or alkynylene, optionally substituted by alkyl groups; R1 = halogen, cyano, nitro, hydroxy, mercapto, alkyl, halogenalkyl, alkenyl, cycloalkyl, cycloalkenyl, alkoxy, halogenalkoxy, alkenyloxy, alkynyloxy, alkylthio, NRARB, alkylcarbonyl, Ph, naphthyl, or a five-membered or six-membered saturated, partially unsatd. or aromatic heterocycle containing between one and four heteroatoms from the group O, N or S; RA, RB = hydrogen, alkyl and alkylcarbonyl; n = 0, 1, 2, 3 or 4; R2 = alkyl, alkenyl, cycloalkyl, alkoxyalkyl and alkylthioalkyl; R3 = hydrogen, halogen, cyano, NRARB, hydroxy, mercapto, alkyl, halogenalkyl, cycloalkyl, alkoxy, alkylthio, cycloalkoxy, cycloalkylthio, carboxyl, formyl, alkylcarbonyl, alkoxycarbonyl, alkenyloxycarbonyl, alkinyloxycarbonyl, Ph, phenoxy, phenylthio, benzyloxy, benzylthio, or alkyl-S(O)m; m = 0, 1 or 2; A = N or CRa; Ra = H or alkyl] are prepared as agrochem. fungicides.

IT 913540-23-5P 913540-26-8P 913540-28-0P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as agrochem. fungicide)

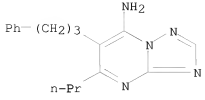
RN 913540-23-5 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-phenylethyl)-5-propyl- (CA INDEX NAME)

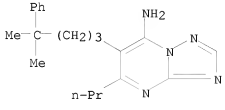


RN 913540-26-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-phenylpropyl)-5-propyl- (CA INDEX NAME)



RN 913540-28-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-methyl-4-phenylpentyl)-5-propyl- (CA INDEX NAME)



L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1021753 CAPLUS
DOCUMENT NUMBER: 143:326385
TITLE: Preparation of 7-aminotriazolopyrimidines as agrochemical fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Niedenbrueck, Matthias; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087772	A1	20050922	WO 2005-EP2426	20050308
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CA 2557779	A1	20050922	CA 2005-2557779	20050308
EP 1725560	A1	20061129	EP 2005-715825	20050308
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JP 2007527886	T	20071004	JP 2007-502271		20050308
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MX 2006PA09140	A	20061110	MX 2006-PA9140		20060811
US 2007167463	A1	20070719	US 2006-589876		20060818
NO 2006004129	A	20061010	NO 2006-4129		20060913
PRIORITY APPLN. INFO.:			DE 2004-102004012018A		20040310
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OTHER SOURCE(S): MARPAT 143:326385
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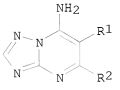

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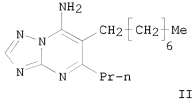


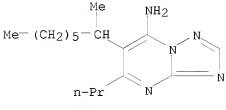
II

AB Title compds. I [R1 = alkyl, alkoxymethylene, alkoxyethylene, etc.; R2 = Pr, n-butyl] were prepared For example, condensation of 5-cyanododecan-4-one and 3-amino-1,2,4-triazole afforded claimed triazolopyrimidine II. In phytophthora infestans tomato protection assays, 5-examples of compds. I, at 250 ppm, exhibited 75% protection after 5-days.

IT 865235-73-0P 865235-74-1P 865235-75-2P
865235-76-3P 865235-77-4P 865235-78-5P
865235-79-6P 865235-80-9P 865235-81-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 7-aminotriazolopyrimidines as agrochem. fungicides)

RN 865235-73-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-methylheptyl)-5-propyl- (CA INDEX NAME)



RN 865235-74-1 CAPLUS

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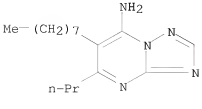
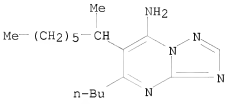


RN 865235-75-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-butyl-6-(1-methylheptyl)- (CA INDEX NAME)



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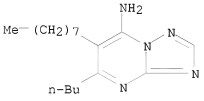

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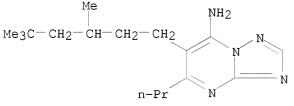
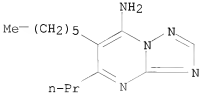


RN 865235-78-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-hexyl-5-propyl- (CA INDEX NAME)



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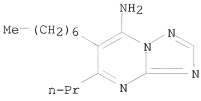

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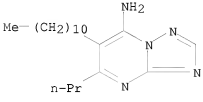

RN 865235-81-0 CAPLUS
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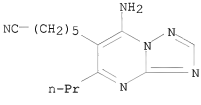

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1021751 CAPLUS
DOCUMENT NUMBER: 143:326383
TITLE: Preparation of 7-aminotriazolopyrimidines as agrochemical fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Niedenbrueck, Matthias; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard; Huenger, Udo
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

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WO 2005087770	A2	20050922	WO 2005-EP2424 20050308
WO 2005087770	A3	20051208	
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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CA 2557815	A1	20050922	CA 2005-2557815 20050308
EP 1725563	A2	20061129	EP 2005-728342 20050308
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BR 2005008329	A	20070724	BR 2005-8329 20050308
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PRIORITY APPLN. INFO.:			DE 2004-102004012019A 20040310
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OTHER SOURCE(S): MARPAT 143:326383
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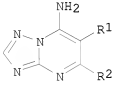

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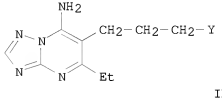


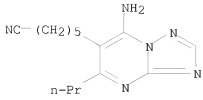
II

AB Title compds. I [R1 = alkenyl, alkynyl, etc.; R2 = alkyl, alkenyl, alkynyl, etc.] were prepared For example, bromination of alc. II (Y = OH) afforded claimed bromide II (Y = Br). In phytophthora infestans tomato protection assays, 1-example of I, at 250 ppm, after 6-days exhibited 100% protection.

IT 865235-81-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 7-aminotriazolopyrimidines as agrochem. fungicides)

RN 865235-81-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-6-hexanenitrile, 7-amino-5-propyl- (CA INDEX NAME)



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COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.00	-4.00

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DICTIONARY FILE UPDATES: 21 JAN 2008 HIGHEST RN 1000370-19-3

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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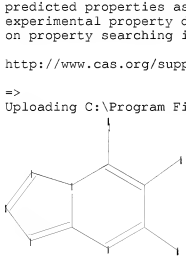

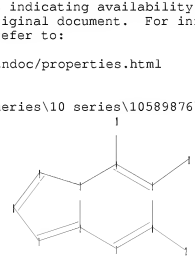

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exact/norm bonds :
1-2  1-6  2-3  2-7  3-4  3-9  4-5  4-10  5-6  5-11  6-12  7-8  8-9


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS



L5      STRUCTURE UPLOADED

=> s l5 full
FULL SEARCH INITIATED 11:09:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    12508 TO ITERATE

100.0% PROCESSED    12508 ITERATIONS                              272 ANSWERS
SEARCH TIME: 00.00.01

L6          272 SEA SSS FUL L5

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   178.36     386.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -4.00

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FILE LAST UPDATED: 21 Jan 2008  (20080121/ED)

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L7          18 L6

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L8          13 L7 NOT L4

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L8   ANSWER 1 OF 13  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:         2006:916647  CAPLUS
DOCUMENT NUMBER:          145:271801
TITLE:                    Preparation of 5,6-dialkyl-7-aminoazolopyrimidines as
                          agrochemical fungicides
INVENTOR(S):              Schaefer, Peter; Huenger, Udo; Scherer, Maria; Koehle,
                          Harald; Schiffer, Helmut; Grote, Thomas; Dietz,
                          Jochen; Grammenos, Wassilios; Lohmann, Jan Klaas;
                          Mueller, Bernd; Rheinheimer, Joachim; Schieweck,
                          Frank; Schwoegler, Anja
PATENT ASSIGNEE(S):       Basf Aktiengesellschaft, Germany
SOURCE:                   PCT Int. Appl., 44pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 German
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
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     WO 2006092414        A1    20060908    WO 2006-EP60365         20060301
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             KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
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     EP 1856121           A1    20071121    EP 2006-724905          20060301
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     IN 2007KN02926        A     20070914    IN 2007-KN2926          20070809
PRIORITY APPLN. INFO.:                       DE 2005-102005009884A   20050301
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OTHER SOURCE(S):          MARPAT 145:271801
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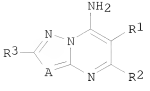

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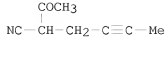

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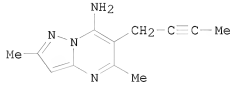


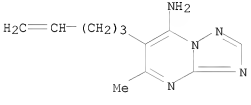
III

AB Title compds. I [R1 = alkenyl, alkynyl, etc.; R2 = alkyl, alkenyl, alkynyl, etc.; R3 = CH3 with provisos; A = N, CH] were prepared For example, condensation of nitrile II and 5-methylpyrazol-3-amine afforded claimed aminoazolopyrimidine III. In pyrenophora teres protection assay, one example of compound I exhibited 40% protection after 6-days.

IT 907605-62-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5,6-dialkyl-7-aminoazolopyrimidines as agrochem. fungicides)

RN 907605-62-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(4-pentenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:844801 CAPLUS

DOCUMENT NUMBER: 145:249224

TITLE: Preparation of [1,2,4]triazolo[1,5-a]pyrimidin-7-amines as agrochemical fungicides

INVENTOR(S): Schaefer, Peter; Huenger, Udo; Scherer, Maria; Koehle, Harald; Schiffer, Helmut; Grote, Thomas; Dietz, Jochen; Grammenos, Wassilios; Lohmann, Jan Klaas; Mueller, Bernd; Rheinheimer, Joachim; Schieweck, Frank; Schwoegler, Anja

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 40pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006087325	A1	20060824	WO 2006-EP50922	20060214
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006215624	A1	20060824	AU 2006-215624	20060214
EP 1853608	A1	20071114	EP 2006-708259	20060214
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IN 2007KN03093	A	20071207	IN 2007-KN3093	20070822
PRIORITY APPLN. INFO.:			DE 2005-102005007157A	20050216
			WO 2006-EP50922 W	20060214
OTHER SOURCE(S):	MARPAT 145:249224			

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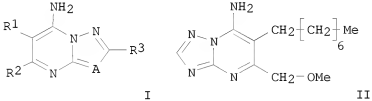


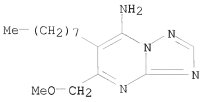
I II

AB Title compds. I [R1 = alkyl, cycloalkyl, alkenyl, etc.; R2 = alkoxyalkyl, phenoxyalkyl, alkylthioalkyl, etc.; R3 = H, alkyl; A = N, CRa; Ra = Ph, alkyl] were prepared For example, condensation of 3-amino-1,2,4-triazole and 3-cyano-1-methoxyundecanone afforded triazolopyrimidinylamine II. In phytophthora infestans tomato protection assays, triazolopyrimidinylamine II at 16 ppm exhibited 85% protection after 1-day (sic).

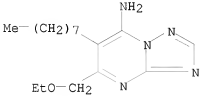
IT 905961-53-7P 905961-54-8P 905961-55-9P
905961-56-0P 905961-57-1P 905961-58-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of triazolopyrimidinylamines as agrochem. fungicides)

RN 905961-53-7 CAPLUS

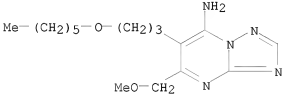
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-(methoxymethyl)-6-octyl- (CA INDEX NAME)



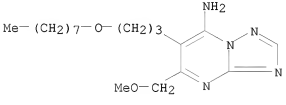
RN 905961-54-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-(ethoxymethyl)-6-octyl- (CA INDEX NAME)



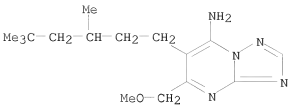
RN 905961-55-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-(hexyloxy)propyl]-5-(methoxymethyl)- (CA INDEX NAME)



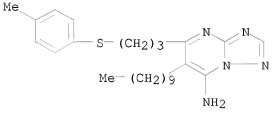
RN 905961-56-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-(methoxymethyl)-6-[3-(octyloxy)propyl]- (CA INDEX NAME)



RN 905961-57-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-(methoxymethyl)-6-(3,5,5-trimethylhexyl)- (CA INDEX NAME)



RN 905961-58-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-decyl-5-[3-[(4-methylphenyl)thio]propyl]- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1026951 CAPLUS
DOCUMENT NUMBER: 143:326388
TITLE: Preparation of 7-aminotriazolopyrimidines as agrochemical fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Niedenbrueck, Matthias; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087773	A1	20050922	WO 2005-EP2427	20050308
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005221808	A1	20050922	AU 2005-221808	20050308

CA 2557781	A1	20050922	CA 2005-2557781	20050308
EP 1725561	A1	20061129	EP 2005-715826	20050308
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR, LV, YU				
CN 1930166	A	20070314	CN 2005-80007376	20050308
BR 2005008281	A	20070807	BR 2005-8281	20050308
JP 2007527887	T	20071004	JP 2007-502272	20050308
MX 2006PA09091	A	20061113	MX 2006-PA9091	20060810
IN 2006KN02286	A	20070525	IN 2006-KN2286	20060810
US 2007173408	A1	20070726	US 2006-589953	20060818
NO 2006004133	A	20061010	NO 2006-4133	20060913
PRIORITY APPLN. INFO.:			DE 2004-102004012011A	20040310
			WO 2005-EP2427 W	20050308

OTHER SOURCE(S): MARPAT 143:326388

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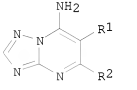

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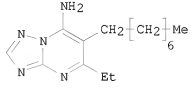


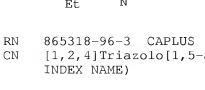
II

AB Title compds. I [R1 = alkyl, alkoxyalkyl, etc.; R2 = cyclopropyl, CH=CH2, CH2CH=CH2, etc.] were prepared For example, condensation of 4-cyano-undecan-3-one and 3-amino-1,2,4-triazole afforded claimed triazolopyrimidine II. In phytophthora infestans tomato protection assays, 6-example of I, at 250 ppm, after 6-days exhibited 100% protection.

IT 865314-87-0P 865318-96-3P 865318-97-4P
865318-98-5P 865318-99-6P 865319-01-3P
865319-02-4P 865319-03-5P 865319-04-6P
865319-05-7P 865319-06-8P 865319-07-9P
865319-08-0P 865319-09-1P 865319-10-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 7-aminotriazolopyrimidines as agrochem. fungicides)

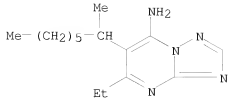
RN 865314-87-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-6-hexanenitrile, 7-amino-5-ethyl- (CA INDEX NAME)

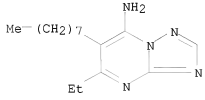


RN 865318-96-3 CAPLUS

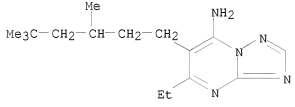
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-(1-methylheptyl)- (CA INDEX NAME)



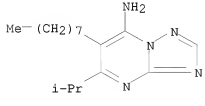
RN 865318-97-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-octyl- (CA INDEX NAME)



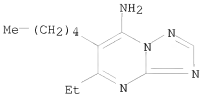
RN 865318-98-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-(3,5,5-trimethylhexyl)-
(CA INDEX NAME)



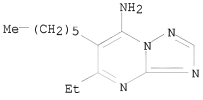
RN 865318-99-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-(1-methylethyl)-6-octyl- (CA
INDEX NAME)



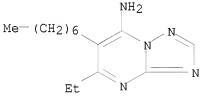
RN 865319-01-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-pentyl- (CA INDEX
NAME)



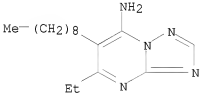
RN 865319-02-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-hexyl- (CA INDEX NAME)



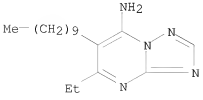
RN 865319-03-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-heptyl- (CA INDEX NAME)



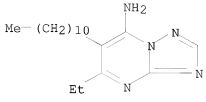
RN 865319-04-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-nonyl- (CA INDEX NAME)



RN 865319-05-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-decyl-5-ethyl- (CA INDEX NAME)



RN 865319-06-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-undecyl- (CA INDEX NAME)



RN 865319-07-9 CAPLUS
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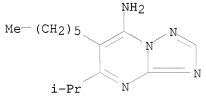

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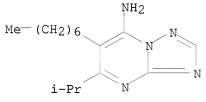
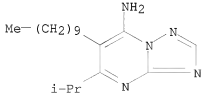
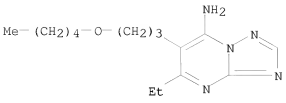


RN 865319-09-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-decyl-5-(1-methylethyl)- (CA INDEX NAME)



RN 865319-10-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-ethyl-6-[3-(pentyloxy)propyl]- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1021752 CAPLUS
DOCUMENT NUMBER: 143:326384
TITLE: Preparation of 7-aminotriazolopyrimidines as agrochemical fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Niedenbrueck, Matthias; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087771	A2	20050922	WO 2005-EP2425	20050308
WO 2005087771	A3	20051201		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1725559	A2	20061129	EP 2005-715824	20050308
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JP 2007527885	T	20071004	JP 2007-502270	20050308
IN 2006KN02287	A	20070525	IN 2006-KN2287	20060810
US 2007179061	A1	20070802	US 2006-590368	20060823
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			WO 2005-EP2425 W	20050308

OTHER SOURCE(S): MARPAT 143:326384
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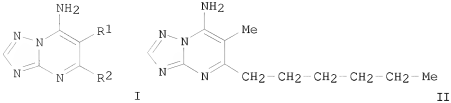
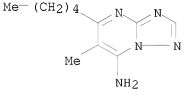


I II

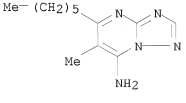
AB Title compds. I [R1 = alkyl, alkoxyalkyl etc.; R2 = alkyl] were prepared For example, condensation of 1-methyl-2-oxo-octan-1-nitrile and 3-amino-1,2,4-triazole afforded claimed triazolopyrimidine II. In phytophthora infestans tomato protection assays, 2-examples of I, at 250 ppm, after 6-days exhibited 100% protection.

IT 865315-50-0P 865315-51-1P 865315-52-2P
865315-53-3P 865315-54-4P 865315-55-5P
865315-56-6P 865315-57-7P 865315-58-8P
865315-59-9P 865315-60-2P 865315-61-3P
865315-62-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 7-aminotriazolopyrimidines as agrochem. fungicides)

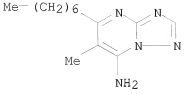
RN 865315-50-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-methyl-5-pentyl- (CA INDEX NAME)



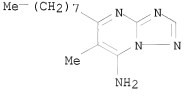
RN 865315-51-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-hexyl-6-methyl- (CA INDEX NAME)



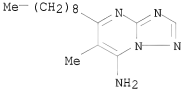
RN 865315-52-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-heptyl-6-methyl- (CA INDEX NAME)



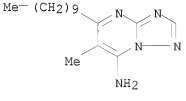
RN 865315-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-methyl-5-octyl- (CA INDEX NAME)



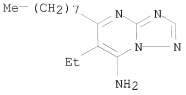
RN 865315-54-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-methyl-5-nonyl- (CA INDEX NAME)



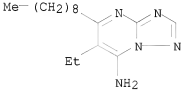
RN 865315-55-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-decyl-6-methyl- (CA INDEX NAME)



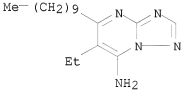
RN 865315-56-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-ethyl-5-octyl- (CA INDEX NAME)



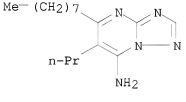
RN 865315-57-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-ethyl-5-nonyl- (CA INDEX NAME)



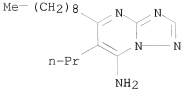
RN 865315-58-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-decyl-6-ethyl- (CA INDEX NAME)



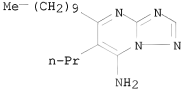
RN 865315-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-octyl-6-propyl- (CA INDEX NAME)



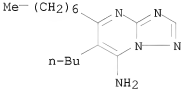
RN 865315-60-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-nonyl-6-propyl- (CA INDEX NAME)



RN 865315-61-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-decyl-6-propyl- (CA INDEX NAME)



RN 865315-62-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-butyl-5-heptyl- (CA INDEX NAME)



L8 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:97246 CAPLUS
DOCUMENT NUMBER: 138:132602
TITLE: Preparation of 7-aminotriazolopyrimidine derivative fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Sauter, Hubert; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo; Schaefer, Peter; Schieweck, Frank; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003009687	A1	20030206	WO 2002-EP7893	20020716
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

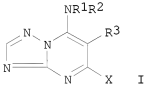
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

CA 2454542	A1	20030206	CA 2002-2454542		20020716
AU 2002355178	A1	20030217	AU 2002-355178		20020716
AU 2002355178	B2	20070802			
EP 1414302	A1	20040506	EP 2002-790165		20020716
EP 1414302	B1	20070321			

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

BR 2002011427	A	20040713	BR 2002-11427		20020716
CN 1535113	A	20041006	CN 2002-814721		20020716
JP 2004535472	T	20041125	JP 2003-515089		20020716
HU 2004001488	A2	20041228	HU 2004-1488		20020716
NZ 531169	A	20050930	NZ 2002-531169		20020716
AT 357142	T	20070415	AT 2002-790165		20020716
ES 2283626	T3	20071101	ES 2002-2790165		20020716
MX 2004PA00403	A	20040318	MX 2004-PA403		20040114
US 2005261314	A1	20051124	US 2004-484250		20040120
US 7307172	B2	20071211			
ZA 2004001516	A	20050310	ZA 2004-1516		20040225
IN 2004CN00384	A	20051223	IN 2004-CN384		20040225
PRIORITY APPLN. INFO.:			DE 2001-10136118	A	20010726
			WO 2002-EP7893	W	20020716

OTHER SOURCE(S): MARPAT 138:132602
GI



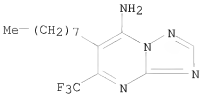
I

AB The 7-aminotriazolopyrimidines I [R1, R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, Ph, naphthyl, 5- or 6-membered heterocyclyl or heteroaryl containing 1-4 N or 1-3 N and 1 S or O; R1NR2= 5- or 6-membered ring containing 1-4 N or 1-3 N and 1 S or O; R3 = (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, phenylalkyl or alkyl halide; X = halo, cyano, alkoxy, alkyl halide or (un)substituted Ph] are prepared as fungicides.

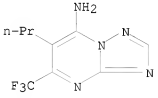
IT 494215-86-0P 494215-91-7P 494216-10-3P
494216-11-4P 494216-12-5P 494216-13-6P
494216-14-7P 494216-15-8P 494216-16-9P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as fungicide)

RN 494215-86-0 CAPLUS

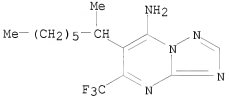
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-octyl-5-(trifluoromethyl)- (CA INDEX NAME)



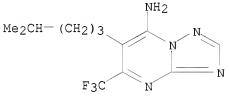
RN 494215-91-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-propyl-5-(trifluoromethyl)-
(CA INDEX NAME)



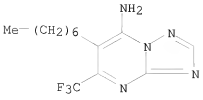
RN 494216-10-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-methylheptyl)-5-
(trifluoromethyl)- (CA INDEX NAME)



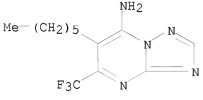
RN 494216-11-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-methylpentyl)-5-
(trifluoromethyl)- (CA INDEX NAME)



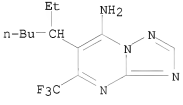
RN 494216-12-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-heptyl-5-(trifluoromethyl)-
(CA INDEX NAME)



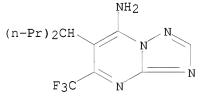
RN 494216-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-hexyl-5-(trifluoromethyl)- (CA INDEX NAME)



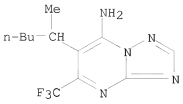
RN 494216-14-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-ethylpentyl)-5-(trifluoromethyl)- (CA INDEX NAME)



RN 494216-15-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-propylbutyl)-5-(trifluoromethyl)- (CA INDEX NAME)



RN 494216-16-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(1-methylpentyl)-5-(trifluoromethyl)- (CA INDEX NAME)

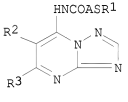


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1997:465087 CAPLUS
DOCUMENT NUMBER: 127:81462
TITLE: Preparation of triazolopyrimidine derivatives as ACAT inhibitors
INVENTOR(S): Sato, Masakazu; Mannaka, Akira; Takahashi, Keiko; Tomizawa, Kazuyuki
PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09169763	A	19970630	JP 1995-333247	19951221
JP 3716472	B2	20051116		
PRIORITY APPLN. INFO.:			JP 1995-333247	19951221
OTHER SOURCE(S):	MARPAT	127:81462		

GI

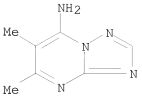


I

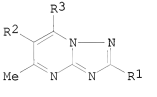
AB The title compds. (I; X = ASR1; A = C1-4 alkylene; R1 = C1-20 alkyl; R2 = H, C1-4 alkyl; R3 = Me, morpholino) are prepared I, possessing Acyl-CoA Cholesterolacyltransferase (ACAT) inhibitory activity, are useful as lipid lowering agents and arteriosclerosis remedies. Thus, Me(CH2)13SH was treated with NaH and then reacted with I (X = CMe2Br, R2 = Me, R3 = morpholino) (preparation given) to give the title compound I [X = CMe2S(CH2)13Me, R2 = Me, R3 = morpholino], which showed IC50 of 6.05 X 10-6 M against ACAT when tested with rabbits.

IT 191655-97-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triazolopyrimidine derivs. as ACAT inhibitors)

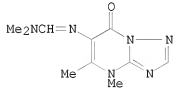
RN 191655-97-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5,6-dimethyl- (CA INDEX NAME)



L8 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1991:101919 CAPLUS
DOCUMENT NUMBER: 114:101919
TITLE: 1,2,4-Triazolo[1,5-a]pyrimidines. Part 8. Reactions of amino- and hydrazino-1,2,4-triazolo[1,5-a]-pyrimidine derivatives with dimethylformamide dimethyl acetal
AUTHOR(S): Hempel, Ute; Lippmann, Eberhard; Tenor, Ernst
CORPORATE SOURCE: Sekt. Chem., Karl-Marx-Univ., Leipzig, DDR-7010, Ger. Dem. Rep.
SOURCE: Zeitschrift fuer Chemie (1990), 30(9), 320-1
CODEN: ZECEAL; ISSN: 0044-2402
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 114:101919
GI

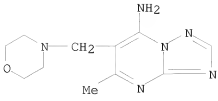


I

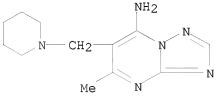


II

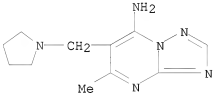
AB The preparation of amidine derivs. of Rocornal was described. The amidination of 7-amino-1,2,4-triazolo[1,5-a]pyrimidine derivs. with Me2NCH(OMe)2 gave N,N-dimethyl-N'-(5-methyl-1,2,4-triazolo[1,5-a]pyrimid-7-yl)formamidines I (R1 = H, NHCOMe; R2 = H, piperidinomethyl, morpholinomethyl, pyrrolidinomethyl, CH2NEt2, NO2; R3 = N:CHNMe2). The reaction of I (R1 = R2 = H, R3 = N:CHNMe2) with H2NOH.HCl gave N-(5-methyl-1,2,4-triazolo[1,5-a]pyrimid-7-yl)formamidoxime. The reaction of 7-hydrazino-5-methyl-1,2,4-triazolo[1,5-a]pyrimidine with Me2NCH(OMe)2 gave only the methylated product, i.e., N,N-dimethyl-N'-(5-methyl-1,2,4-triazolo[1,5-a]pyrimid-7-yl)formamidrazone. The reaction of 6-amino-5-methyl-1,2,4-triazolo[1,5-a]pyrimid-7(4H)one with Me2NCH(OMe)2 gave the amidrazone II.
IT 118973-83-4 132167-07-8 132167-08-9
132167-09-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(amidination of, with DMF di-Me acetal, amidine from)
RN 118973-83-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(4-morpholinylmethyl)- (CA INDEX NAME)



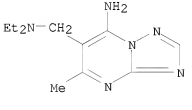
RN 132167-07-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(1-piperidinylmethyl)-
(CA INDEX NAME)



RN 132167-08-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(1-pyrrolidinylmethyl)-
(CA INDEX NAME)



RN 132167-09-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-6-methanamine, 7-amino-N,N-diethyl-5-
methyl- (CA INDEX NAME)

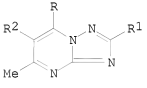


L8 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1989:515204 CAPLUS
DOCUMENT NUMBER: 111:115204
TITLE: Preparation of N,N-dimethyl-N'-(5-methyl-1,2,4-triazolo[1,5-a]pyrimid-7-yl]formamidines
INVENTOR(S): Hempel, Ute; Lippmann, Eberhard; Stopp, Helga; Tenor, Ernst; Thomas, Eckhard
PATENT ASSIGNEE(S): VEB Deutsches Hydrierwerk, Ger. Dem. Rep.
SOURCE: Ger. (East), 3 pp.

CODEN: GEXXA8
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

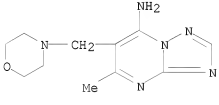
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 264438	A1	19890201	DD 1987-306940	19870914

PRIORITY APPLN. INFO.: DD 1987-306940 19870914
OTHER SOURCE(S): CASREACT 111:115204; MARPAT 111:115204
GI



I

AB The title compds. (I; R = N:CHNMe2; R1 = H, alkyl; R2 = H, piperidinomethyl, morpholinomethyl, pyrrolidinomethyl, CH2NEt2) were prepared by condensation of I (R = NH2) with HC(OMe)2NMe2 (II). Thus, I (R = NH2, R1 = R2 = H) was refluxed 2 h with II in PhMe to give 66% (R = N:CHNMe2, R1 = R2 = H).
IT 118973-83-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in preparation of triazolopyrimidinylformamidines)
RN 118973-83-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(4-morpholinylmethyl)- (CA INDEX NAME)

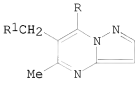


L8 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1989:95261 CAPLUS
DOCUMENT NUMBER: 110:95261
TITLE: Process for preparation of 7-amino-6-(aminomethyl)-5-methyl-s-triazolo[1,5-a]pyrimidines
INVENTOR(S): Hempel, Ute; Lippmann, Eberhard; Stopp, Helga; Tenor, Ernst; Thomas, Eckhard
PATENT ASSIGNEE(S): VEB Deutsches Hydrierwerk, Ger. Dem. Rep.
SOURCE: Ger. (East), 3 pp.
CODEN: GEXXA8
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

DD 257829	A1	19880629	DD 1987-300085	19870220

PRIORITY APPLN. INFO.: DD 1987-300085 19870220
OTHER SOURCE(S): CASREACT 110:95261; MARPAT 110:95261
GI



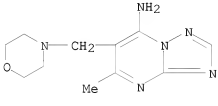
I

AB The title compds. (I; R = NH2; R1 = Et2N, piperidino, morpholino, pyrrolidinyl), useful as active compds. or their intermediates (no data), were prepared by aminolysis of I (R = Bu, Cl) with gaseous NH3. Thus, NH3 was bubbled into a solution of I (R = Cl, R1 = morpholino) in EtOH at 15-40° over 2-3 h to give 88% I (R = NH2, R1 = morpholino).

IT 118973-83-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 118973-83-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(4-morpholinylmethyl)- (CA INDEX NAME)



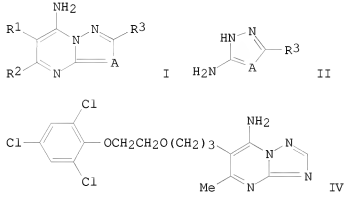
L8 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1987:213971 CAPLUS
DOCUMENT NUMBER: 106:213971
TITLE: 7-Aminoazolo[1,5-a]pyrimidines, their preparation and use as fungicides
INVENTOR(S): Graf, Hermann; Wahl, Peter; Rentzea, Costin; Sauter, Hubert; Ammermann, Eberhard; Pommer, Ernst Heinrich
PATENT ASSIGNEE(S): BASF A.-G. , Fed. Rep. Ger.
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3533050	A1	19870326	DE 1985-3533050	19850917
EP 215382	A1	19870325	EP 1986-112217	19860904
EP 215382	B1	19900801		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
AT 55131	T	19900815	AT 1986-112217	19860904
CA 1288096	C	19910827	CA 1986-517820	19860909

	JP 62067084	A	19870326	JP 1986-211809	19860910
	IL 80004	A	19900712	IL 1986-80004	19860910
	PL 148246	B2	19890930	PL 1986-261406	19860915
	AU 8662719	A	19870319	AU 1986-62719	19860916
	AU 583150	B2	19890420		
	ZA 8607018	A	19870527	ZA 1986-7018	19860916
	HU 42289	A2	19870728	HU 1986-3964	19860916
	HU 201652	B	19901228		
	DD 249624	A5	19870916	DD 1986-294440	19860916
	CS 264282	B2	19890613	CS 1986-6677	19860916
PRIORITY APPLN. INFO.:				DE 1985-3533050	A 19850917
				EP 1986-112217	A 19860904

GI

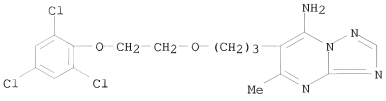


AB The title compds. [I; A = N, R4C; R1 = (dialkylamino)alkyl, substituted alkoxyalkyl; R2, R3 = H, alkyl; R4 = H, alkyl Br, Cl] were prepared as agrochem. fungicides by cyclocondensation of R2COCHR1R5 (R5 = alkoxycarbonyl, cyano) with aminoazole II, followed by ammonolysis in the case of the ketoester. 2,4,6-Cl3C6H2OCH2CH2O(CH2)3CHR6CN (III, R6 = H) was treated with BuLi and EtOAc in THF to give 73% III (R6 = MeCO). This was cyclocondensed with II (A = N, R3 = H) to give triazolopyrimidinamine IV. On grapes 0.05% IV gave 97% protection against Plasmopara viticola.

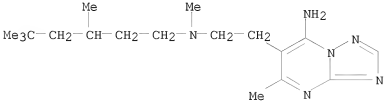
IT 108258-57-7P 108258-58-8P 108258-59-9P
108258-60-2P 108258-61-3P 108258-62-4P
108258-63-5P 108258-64-6P 108258-65-7P
108258-66-8P 108258-67-9P 108258-68-0P
108258-69-1P 108258-70-4P 108258-71-5P
108258-72-6P 108258-73-7P 108258-74-8P
108258-75-9P 108258-76-0P 108258-77-1P
108258-78-2P 108258-79-3P 108258-80-6P
108282-54-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of as agrochem. fungicide)

RN 108258-57-7 CAPLUS

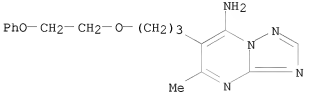
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(2,4,6-trichlorophenoxy)ethoxy]propyl]- (CA INDEX NAME)



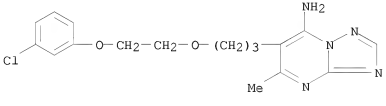
RN 108258-58-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-6-ethanamine, 7-amino-N,5-dimethyl-N-(3,5,5-trimethylhexyl)- (CA INDEX NAME)



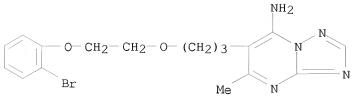
RN 108258-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-(2-phenoxyethoxy)propyl]- (CA INDEX NAME)



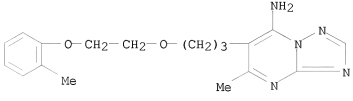
RN 108258-60-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-[2-(3-chlorophenoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



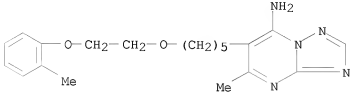
RN 108258-61-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-[2-(2-bromophenoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



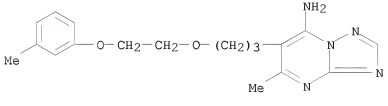
RN 108258-62-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(2-methylphenoxy)ethoxy]propyl]- (CA INDEX NAME)



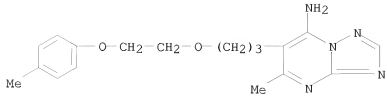
RN 108258-63-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[5-[2-(2-methylphenoxy)ethoxy]pentyl]- (CA INDEX NAME)



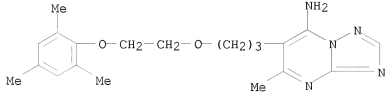
RN 108258-64-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(3-methylphenoxy)ethoxy]propyl]- (CA INDEX NAME)



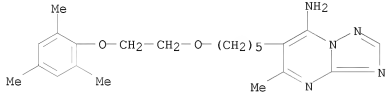
RN 108258-65-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(4-methylphenoxy)ethoxy]propyl]- (CA INDEX NAME)



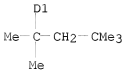
RN 108258-66-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(2,4,6-trimethylphenoxy)ethoxy]propyl]- (CA INDEX NAME)

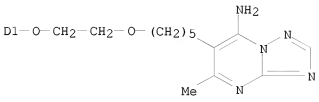


RN 108258-67-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[5-[2-(2,4,6-trimethylphenoxy)ethoxy]pentyl]- (CA INDEX NAME)

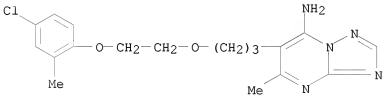


RN 108258-68-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[5-[2-[(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]pentyl]- (9CI) (CA INDEX NAME)

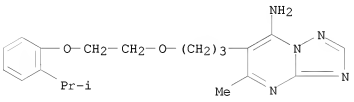




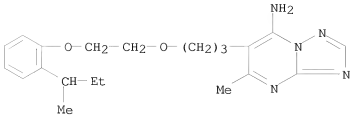
RN 108258-69-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-[2-(4-chloro-2-methylphenoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



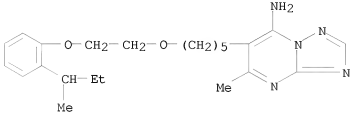
RN 108258-70-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-[2-(1-methylethyl)phenoxy]ethoxy]propyl]- (CA INDEX NAME)



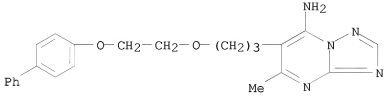
RN 108258-71-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-[2-(1-methylpropyl)phenoxy]ethoxy]propyl]- (CA INDEX NAME)



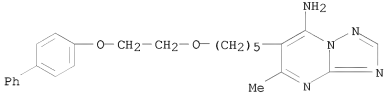
RN 108258-72-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[5-[2-[2-(1-methylpropyl)phenoxy]ethoxy]pentyl]- (CA INDEX NAME)



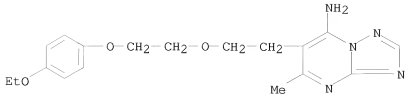
RN 108258-73-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-[2-([1,1'-biphenyl]-4-yloxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



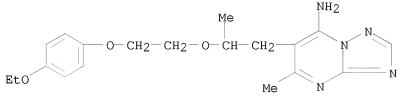
RN 108258-74-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[5-[2-([1,1'-biphenyl]-4-yloxy)ethoxy]pentyl]-5-methyl- (CA INDEX NAME)



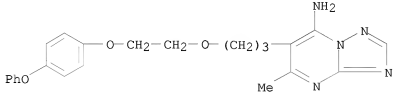
RN 108258-75-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2-[2-(4-ethoxyphenoxy)ethoxy]ethyl]-5-methyl- (CA INDEX NAME)



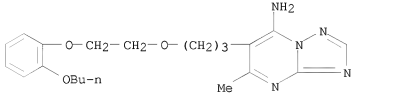
RN 108258-76-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2-[2-(4-ethoxyphenoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



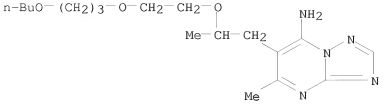
RN 108258-77-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-[2-(4-phenoxyphenoxy)ethoxy]propyl]- (CA INDEX NAME)



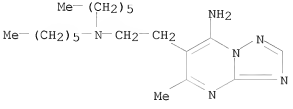
RN 108258-78-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-[2-(2-butoxyphenoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



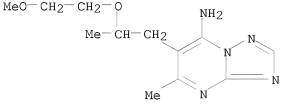
RN 108258-79-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2-[2-(3-butoxypropoxy)ethoxy]propyl]-5-methyl- (CA INDEX NAME)



RN 108258-80-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-6-ethanamine, 7-amino-N,N-dihexyl-5-methyl- (CA INDEX NAME)



RN 108282-54-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2-(2-methoxyethoxy)propyl]-5-methyl- (CA INDEX NAME)



L8 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1985:437497 CAPLUS
DOCUMENT NUMBER: 103:37497
ORIGINAL REFERENCE NO.: 103:6087a,6090a
TITLE: 7-Aminoazolo[1,5-a]pyrimidines and fungicides containing them
INVENTOR(S): Eicken, Karl; Graf, Hermann; Gramlich, Walter; Sauter, Hubert; Rentzea, Costin; Pommer, Ernst Heinrich; Ammermann, Eberhard
PATENT ASSIGNEE(S): BASF A.-G. , Fed. Rep. Ger.
SOURCE: Ger. Offen., 16 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

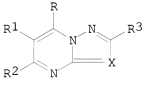
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3338292	A1	19850502	DE 1983-3338292	19831021
EP 141317	A2	19850515	EP 1984-112283	19841012
EP 141317	A3	19860212		
EP 141317	B1	19880120		

R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE

AT 32077	T	19880215	AT 1984-112283		19841012
IL 73258	A	19871130	IL 1984-73258		19841016
CA 1242715	A1	19881004	CA 1984-465567		19841016
JP 60104089	A	19850608	JP 1984-216490		19841017
CS 248724	B2	19870212	CS 1984-7924		19841018
AU 8434526	A	19850426	AU 1984-34526		19841019
AU 566960	B2	19871105			
ZA 8408175	A	19850626	ZA 1984-8175		19841019
DD 232635	A5	19860205	DD 1984-268556		19841019
PL 137289	B2	19860531	PL 1984-250093		19841019
US 4617303	A	19861014	US 1984-662592		19841019
HU 36328	A2	19850930	HU 1984-3942		19841022
HU 191964	B	19870428			
US 32676	E	19880524	US 1987-59254		19870603
PRIORITY APPLN. INFO.:			DE 1983-3338292	A	19831021
			EP 1984-112283	A	19841012
			US 1984-662592	A5	19841019

OTHER SOURCE(S): CASREACT 103:37497; MARPAT 103:37497

GI



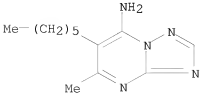
I

AB Title compds. I [R = NH2; R1 = alkyl, alkoxyalkyl, haloalkyl, (un)substituted arylalkyl; R2, R3 = H, alkyl; X = N, CR4; R4 = H, alkyl, halogen] were prepared Thus, 200 g Me 2-n-octylacetoacetate was cyclocondensed with 94 g 3(5)-amino-5(3)-methylpyrazole in 400 mL BuOH to give 191 g I (R = OH, R1 = octyl, R2 = R3 = Me, X = CH), which (190 g) was refluxed 1.5 h in 550 mL POCl3 to give 179 g I (R = Cl). The latter compound (179 g) in 1300 mL EtOH was placed in a 2.5 L autoclave, pressurized with 85 g NH3, and stirred 8 h at 150° at 30 bar to give 133 g I (R = NH2), which at 0.025% gave 97% control of Plasmopara viticola on grapes.

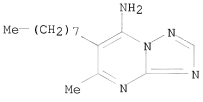
IT 91637-28-4P 97228-52-9P 97228-53-0P
97228-57-4P 97228-58-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and fungicidal activity of)

RN 91637-28-4 CAPLUS

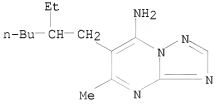
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-hexyl-5-methyl- (CA INDEX NAME)



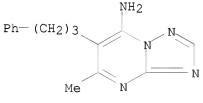
RN 97228-52-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-octyl- (CA INDEX NAME)



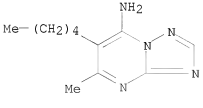
RN 97228-53-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-ethylhexyl)-5-methyl- (CA INDEX NAME)



RN 97228-57-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-(3-phenylpropyl)- (CA INDEX NAME)

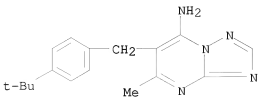


RN 97228-58-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-pentyl- (CA INDEX NAME)

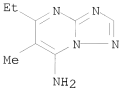


IT 97228-56-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 97228-56-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[[4-(1,1-

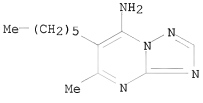
dimethylethyl)phenyl]methyl]-5-methyl- (CA INDEX NAME)



L8 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1964:3162 CAPLUS
DOCUMENT NUMBER: 60:3162
ORIGINAL REFERENCE NO.: 60:523e-g
TITLE: Condensed heterocycles. IV. Condensation of 3-amino-1,2,4-triazoles with diaceto- and dipropionitriles
AUTHOR(S): Levin, Ya. A.; Kukhtin, V. A.
CORPORATE SOURCE: Cine-Photo Res. Inst., Kazan
SOURCE: Zhurnal Obshchei Khimii (1963), 33(8), 2678-82
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
GI For diagram(s), see printed CA Issue.
AB Heating 3-amino-5-substituted 1,2,4-triazoles with substituted β-aminoacrylonitriles 30-40 min at 155-200° gave (Ia) (R, R', R'' % yield, and m.p. shown, resp.): H Me, H (I), 84, 246-7° (picrate decomposed 212-14°); Pr, Me, H, 61, 180-1°; C6H13, Me, H, 56, 128-30°; H, Et, Me (II), 72, 262-3°; Pr, Et, Me, 51, 225-6°. I refluxed with Ac2O in C5H5N gave the Ac derivative, m. 230°; similarly was prepared Ac derivative of II, m. 1402°, purified on Al2O3 in C6H6. I and tosyl chloride gave 75% ptoluenesulfonamido analog, decomposed 283-5° (λ 304 mμ). Treated with Br vapors at 60° in H2O, I gave 88% 4-imino-5bromo-6-methyt-1,2,4-triazolo[2,3-a]pyrimidine, decomposed 2457° (λ 261 and 298 mμ). I and aqueous I-KI in the presence of K2CO3 at 70-80° gave 4-amino-6-methyl-5-iodo-1,2,4-triazolo[2,3-a]pyrimidine, decomposed 233-5° (λ 260 and 300 mμ). 4-Chloro-5-hexyl-6-methyl-1,2,4-triazolo[2,3-a]pyrimidine, m. 412°, formed in 82% yield from the 4-oxo analog by refluxing in POC13 3 hrs. Treated with NH3 in EtOH at 0°, then heated 3 hrs. in an ampul at 100°, this gave 83% 4-amino-5-hexyl-6methyl-1,2,4-triazolo[2,3-a]pyrimidine, m. 230-1°, which could not be prepared by the above condensation of aminotriazole with dipropionitrile even at 230°. I and concentrated HCl in 5 hrs. at 140° in a sealed tube gave 3-amino-1,2,4-triazole, isolated as the picrate, decomposed 228-30°. Ultraviolet spectra of Ia are shown.
IT 90085-15-7P, s-Triazolo[1,5-a]pyrimidine, 7-amino-5-ethyl-6-methyl-
91637-28-4P, s-Triazolo[1,5-a]pyrimidine, 7-amino-6-hexyl-5-methyl-
RL: PREP (Preparation)
(preparation of)
RN 90085-15-7 CAPLUS
CN s-Triazolo[1,5-a]pyrimidine, 7-amino-5-ethyl-6-methyl- (7CI) (CA INDEX NAME)



RN 91637-28-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-hexyl-5-methyl- (CA INDEX NAME)



L8 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1948:33759 CAPLUS
DOCUMENT NUMBER: 42:33759
ORIGINAL REFERENCE NO.: 42:7178h-i,7179a-i,7180a-i
TITLE: Stabilizers for photographic emulsions
INVENTOR(S): Heimbach, Newton; Kelly, Walter, Jr.
PATENT ASSIGNEE(S): General Aniline & Film Corp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2444605		19480706	US 1945-635334	19451215

GI For diagram(s), see printed CA Issue.

AB Light-sensitive Ag halide emulsions are stabilized by hydroxy-1,3,4-triazaindolizines (I) obtained by the condensation of a β-keto ester, a malonic acid ester, or a mononitrile of a malonic acid ester with an aminotriazole. In I R is H, alkyl, alicyclic, aryl, or heterocyclic, R' is H, alkyl, alicyclic, aryl, or a heterocyclic radical of the same value as R, and R'' is either NH2, OH, carbalkoxy, alkyl, or an alicyclic or heterocyclic radical of the same value as R. When R and R' are H, R'' must be a radical other than alkyl. I is prepared by refluxing 1 mol. of the β-keto ester, malonic ester, or mononitrile of a malonic ester with 1 mol. 3-amino-1,2,4-triazole at reflux temperature in the presence of a solvent, e.g., glacial AcOH, 3-8 hrs.; during the treatment H2O and alc. are formed. As the condensation proceeds the final product either ppts. from solution during the reaction or is removed by diluting the solvent with H2O, EtOH, etc. Suitable β-keto esters are acetoacetic ester, malonic esters and mononitriles are di-Me malonate, Et cyanoacetate, and 5-amino-1,2,4,1H-triazoles are 5-amino-3-methyl-1,2,4,1H-triazole, etc. The following 1,3,4-triazaindolizines have been prepared: 7-hydroxy-6-ethyl-5-methyl (II); 7-hydroxy-6-ethyl-2,5-dimethyl; 7-hydroxy-5-methyl-2-phenyl; 7-hydroxy-2-methyl-5-phenyl; 7-hydroxy-5-phenyl (III); 7-hydroxy-2,5-diphenyl; 7-hydroxy-2-isopropyl-5-methyl; 7-hydroxy-2,5-dimethyl; 5,7-dihydroxy; 7-hydroxy-5-amino; 7-hydroxy-5-carbethoxy; 7-hydroxy-5-(3-pyridyl) (IV); 7-hydroxy-2-

cyclohexyl-5-methyl; 7-hydroxy-2-(2-furyl)-5-methyl; 7-hydroxy-5-cyclohexyl; 7-hydroxy-6-cyclohexyl-5-methyl; 7-hydroxy-6-(2-furyl)-5-methyl; 7-hydroxy-5-methyl-6-phenyl. In preparing an emulsion with stabilizers, a solution of the stabilizer in a solvent, e.g., alc. or alc.-H2O, pH 7.5-10, is made and the solution mixed with the emulsion during ripening or prior to coating in concns. of 25-500 mg. per l. of emulsion. Testing of stabilizers used in the following examples consists of coating 2 film strips, e.g., cellulose acetate, with the same emulsion, one with and one without a stabilizer, storing the emulsions in an incubator for 6 days at 50°, then processing in the usual way. The fog d. in the unexposed areas in the emulsions is measured in a transmission densitometer. A gelatin-bromoiodide emulsion without stabilizer gave a fog d. of 0.28 while another film coated with the same emulsion containing an addition of 100 mg. IV per 1 l. emulsion equivalent to 50 g. Ag halide, gave a fog d. of 0.08; an equivalent quantity of III substituted for IV gave the same results; 75 mg. II substituted for 100 mg. IV gave a fog d. of 0.1. Emulsions containing these stabilizers not only reduce fog produced by incubation or by long storage, but also diminish or eliminate changes of speed to which some emulsions are susceptible. Stabilizers are used in orthochromatic, panchromatic, nonsensitized, and x-ray emulsions. If used with sensitizing dyes they are added to the emulsion before or after the dyes are added. Dispersing agents for Ag halides are gelatin or H2O-soluble cellulose derivs., e.g., hydroxyethylcellulose. Stabilizers are employed in gelatin or other colloid, e.g., polyamides, as an under- or overcoat for the emulsion or as backing layer for the support. They may be incorporated in the support for the sensitive emulsion layer or in an intermediate layer between the sensitive emulsion layer and the support, such as the baryta coating used in photographic papers, or incorporated in a protective layer coated on the emulsion surface, or the finished photographic material may be bathed in an alc. or alc.-H2O solution containing the stabilizer. In U.S. 2,444,606, I are obtained by the condensation of a β-keto or β-imino nitrile with a 5-amino-1,2,4,1H-triazole; R and R' are H, alkyl, alicyclic, aryl, or a heterocyclic radical, and R'' is either alkyl, alicyclic, aryl, or a heterocyclic radical of the same value as R. Suitable β-keto nitriles are acetylacetonitrile and β-imino nitriles, β-iminobutyronitrile. As condensation between the β-keto or β-imino group and the primary amino group of the 5-amino-1,2,4,1H-triazole proceeds the final product either ppts. or is removed by diluting the solvent with H2O, EtOH, or Me2CO. The following 1,3,4-triazaindolizines have been prepared: 7-amino-5-methyl (V); 7-amino-5-phenyl (VI); 7-amino-5-methyl-2-phenyl (VII); 7-amino-6-ethyl-5-methyl; 7-amino-5-methyl-6-phenyl; 7-amino-2-(2-furyl)-5-methyl; 7-amino-5-(3-pyridyl); 7-amino-2,5-dimethyl; 7-amino-2-cyclohexyl-5-methyl; 7-amino-5-cyclohexyl; 7-amino-5-methyl-6-(3-pyridyl); 7-amino-5-methyl-6-cyclohexyl. The same testing procedures as in U.S. 2,444,605 were used: In the 1st example, V gave the same results; in the 2nd example, VI gave the same results; in the 3rd example, 75 mg. VII substituted for 100 mg. V gave a fog d. of 0.1. In U.S. 2,444,608, the preparation of 1,3-bis(5-amino-1,3,4,1H-triazolyl)oxopropenes (VIII), where R is H or alkyl, R' is alkyl of the same value as R, aryl, or aralkyl, and R'' is either H, allyl, or alkyl of the same value as R, by condensing a β-keto ester or anilide thereof with a 5-amino-1,2,4,1H-triazole, and their use as stabilizers to prevent fog and increase stability are given. Suitable β-keto esters and anilides are, e.g., Et acetoacetate, Et toluylacetylacetanilide. Condensation is carried out by heating the reagents at 150-60° with C6H5NO2 for from 10 min. to 2 hrs. The final product either ppts. or is removed by diluting with an aromatic hydrocarbon, e.g., PhMe, or an oxygenated solvent, e.g., EtOH, and recrystd. from H2O. Instead of heating, the reactants may be allowed to stand in cold 5-20% aqueous NaOH or KOH for several days at room temperature, diluted with an equal volume of H2O, and warmed to redissolve the product. Cold

glacial AcOH is added and, after chilling, the product is filtered, washed in cold H2O, and recrystd. from boiling H2O. The following 2-propen-1-ones have been prepared: 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-methyl-2-allyl (IX); 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-methyl (X); 1,3-bis(5-amino-3-methyl-1,2,4,1H-triazol-1-yl)-3-methyl (XI); 1,3-bis(5-amino-3-methyl-1,2,4,1H-triazol-1-yl)-3-methyl-2-allyl; 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-phenyl; 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-ethyl; 1,3-bis(5-amino-3-propyl-1,2,4,1H-triazol-1-yl)-3-methyl; 1,3-bis(5-amino-3-ethyl-1,2,4,1H-triazol-1-yl)-2,3-dimethyl. The following examples illustrate the preparation of the compds.: Example 1. To 15 cc. C6H5NO2, 8.4 g. 5-amino-1,2,4,1H-triazole and 8.5 g. Et α-allylacetoacetate were added and the mixture was heated to 150-60° 1 hr., cooled to room temperature, and the product precipitated with Et2O. The precipitate was washed with Et2O and recrystd. from H2O with charcoal.

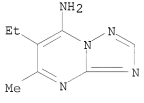
Example 2. 8.4 g. 5-amino-1,2,4,1H-triazole was dissolved in 15 cc. H2O, the mixture cooled to room temperature, and 13 g. ethyl acetoacetate added. After standing 15 min., a cold solution of 4 g. NaOH in 10 cc. H2O was added slowly with cooling to keep at room temperature After standing for 2 days, the mixture was diluted to 40 cc. and warmed to redissolve the precipitate, then 6 g. cold glacial AcOH added, and, after chilling, the product filtered, washed with H2O, and recrystd. from boiling H2O. Example 3. To 15 cc. C6H5NO2, 9.8 g. 5-amino-3-methyl-1,2,4,1H-triazole and 6.5 g. Et acetoacetate were added and the mixture was heated to 150160° 1 hr., cooled to room temperature, and the product isolated by diluting with Et2O and recrystg. from H2O.

Example 4. Example 3 was repeated except that 96 g. Et benzoylacetate was substituted for 6.5 g. Et acetoacetate. By the same procedure as used in the 1st example of U.S. 2,444,605 in testing VIII as stabilizers, IX had a fog d. of 0.06; an equivalent amount of X gave the same results; 75 mg. XI substituted for 100 mg. IX gave a fog d. of 0.1. Cf. preceding and following abstrs.

IT 856864-31-8P, s-Triazolo[1,5-a]pyrimidine, 7-amino-6-ethyl-5-methyl-
RL: PREP (Preparation)
(preparation of)

RN 856864-31-8 CAPLUS

CN s-Triazolo[1,5-a]pyrimidine, 7-amino-6-ethyl-5-methyl- (5CI) (CA INDEX NAME)



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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	84.29	470.87

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-10.40	-14.40

STN INTERNATIONAL LOGOFF AT 11:26:05 ON 22 JAN 2008